

## CLAIMS

1. A turning drive apparatus for a model for turning a movable portion of the model by transmitting power from a drive source to the movable portion through a gear train, comprising

a friction transmitting portion being interposed between a pair of gears included in the gear train, the friction transmitting portion transmitting rotation making use of a friction force.

2. The turning drive apparatus according to claim 1, wherein the pair of gears are coupled with each other concentrically through a common slip plate, and at least any one of the pair of gears is combined to the slip plate so that the gear makes a slip motion in a circumferential direction, thereby the friction transmitting portion is interposed between the gear and the slip plate.

3. The turning drive apparatus according to claim 2, wherein a hollow portion is formed on a center side of any one of the pair of gears, the slip plate is engaged with an inner periphery of the hollow portion, a radially deformable spring portion is disposed on a center side of the slip plate, and the other gear of the pair of gears is engaged with an inner periphery of the spring portion of the slip plate.

4. The turning drive apparatus according to claim 1,

wherein a friction wheel is coupled with any one of the pair of gears to be concentrically rotated together with the gear, and the other gear of the pair of gears contacts with an outer peripheral surface of the friction wheel, thereby the friction transmitting portion is interposed between the friction wheel and the other gear.

5. The turning drive apparatus according to claim 4, wherein the outer peripheral surface of the friction wheel is made of an elastic member to be elastically deformed when the outer peripheral surface contacts with the other gear.

6. A slip gear apparatus disposed in a gear train for turning a movable portion of a model by transmitting power from a drive source to the movable portion, comprising a slip plate and a pair of gears being coupled concentrically with each other through the slip plate, wherein at least any one of the pair of gears is combined to the slip plate so that the gear makes a slip motion in a circumferential direction, and a friction transmitting portion is interposed between the gear and the slip plate.

7. The slip gear apparatus according to claim 6, wherein a hollow portion is formed on a center side of any one of the pair of gears, the slip plate is engaged with an inner periphery of the hollow portion, a radially deformable spring portion is disposed on a center side of the slip plate, and the other

gear of the pair of gears is engaged with an inner periphery of the spring portion of the slip plate.